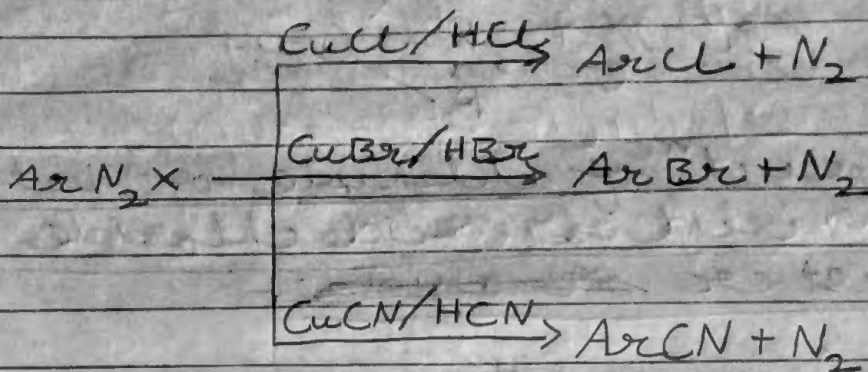
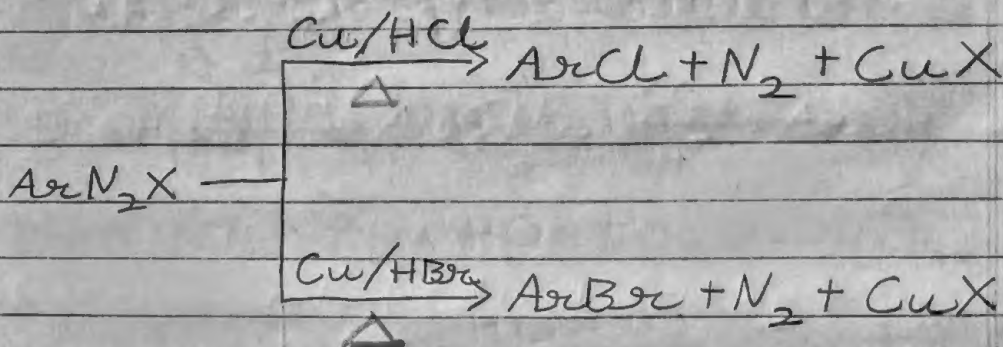


Organic Chemical Reactions

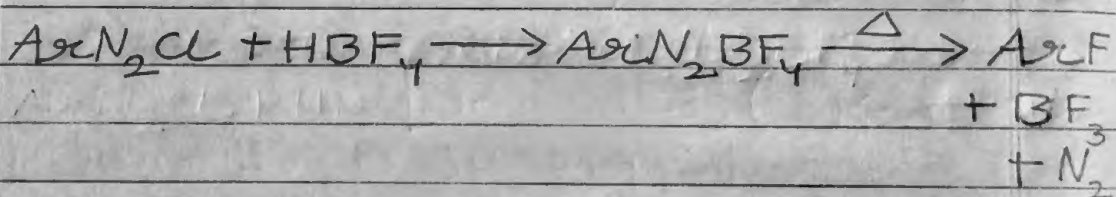
⊛ Sandmeyer Reactⁿ:



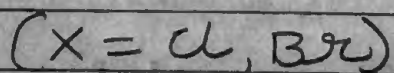
⊛ Grattemann Reactⁿ:



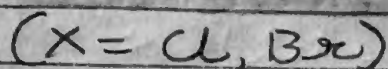
⊛ Balz-Schiemann Reactⁿ:



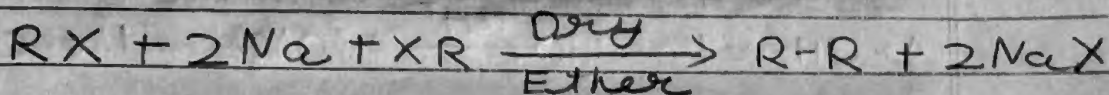
⊛ Finkelstein Reactⁿ:



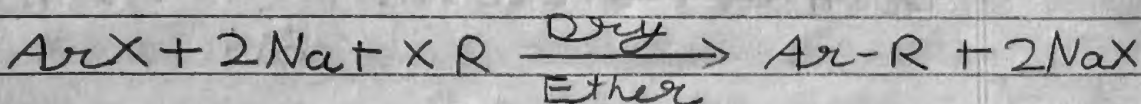
⑤ Swarts Reactⁿ:



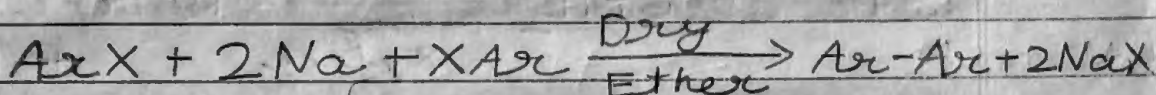
⑤ Wurtz Reactⁿ:



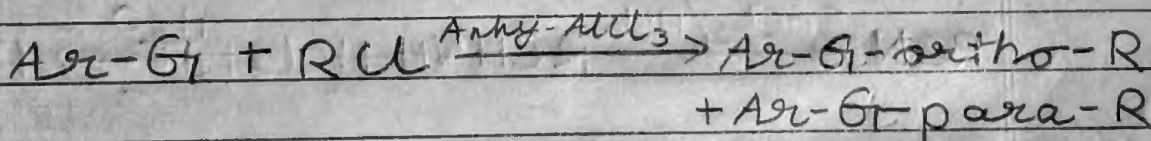
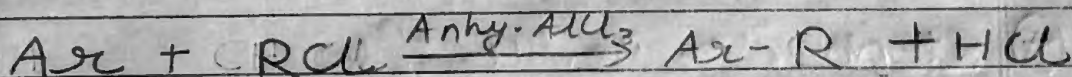
⑤ Wurtz-Fittig Reactⁿ:



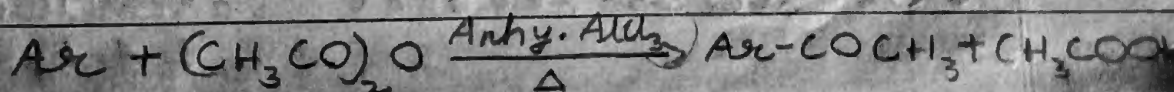
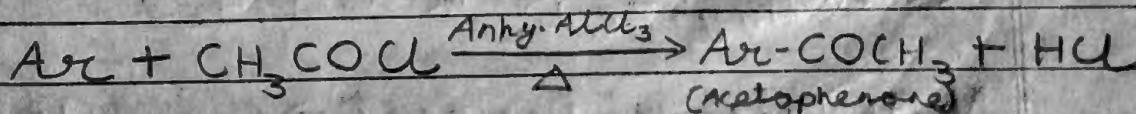
⑤ Fittig Reactⁿ:

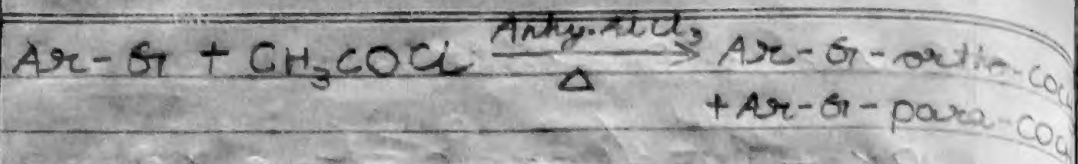


I ⑤ Fridel-Crafts Alkylatⁿ Reactⁿ:

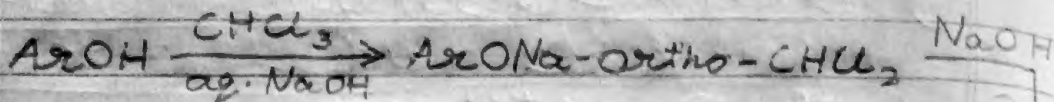


I ⑤ Fridel-Crafts Acylatⁿ Reactⁿ:

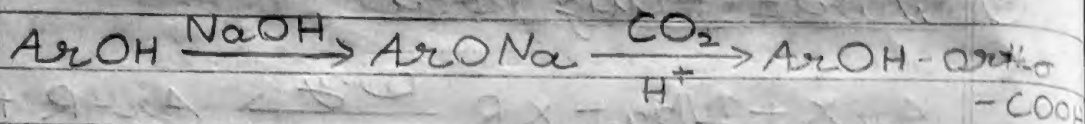




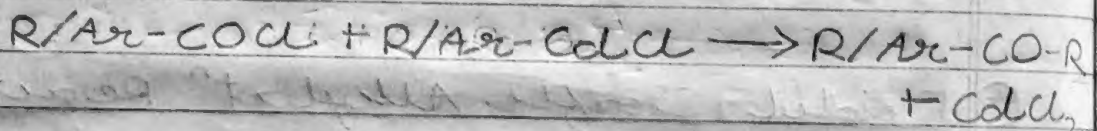
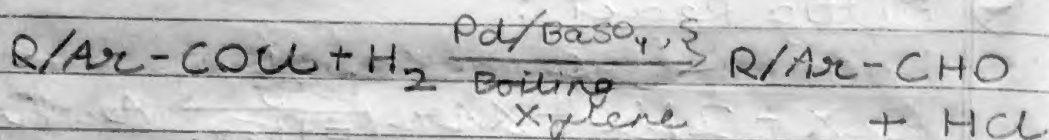
I (a) Reimer-Tiemann Reactⁿ:



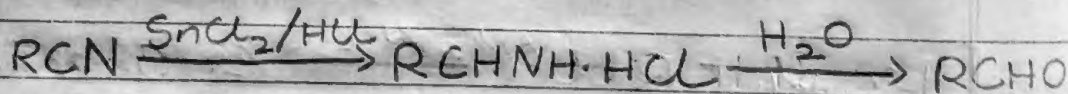
(b) Kolbe's Reactⁿ:



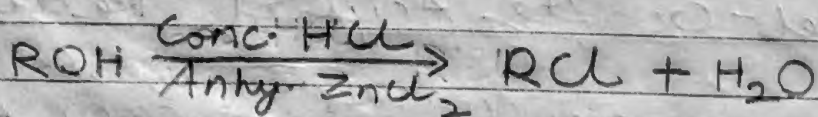
(c) Rosenmund Reductⁿ:



(d) Stephen's Reductⁿ:



(e) Grove's Reactⁿ:



N.B: Lucas Reagent \rightarrow Conc. HCl + Anhy. ZnCl_2

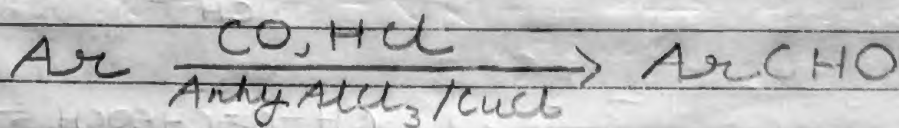
① Huns-Dieckmann Reactⁿ:



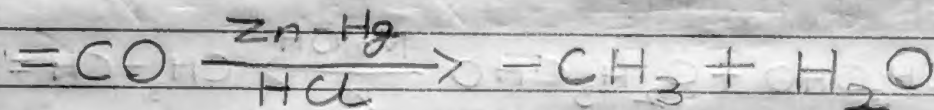
② Etard Reactⁿ:



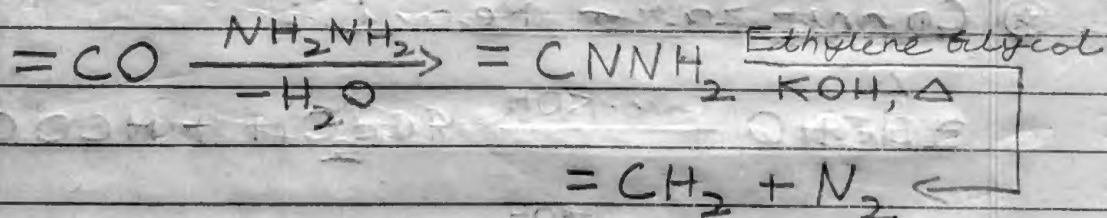
③ Grattermann-Koch Reactⁿ:



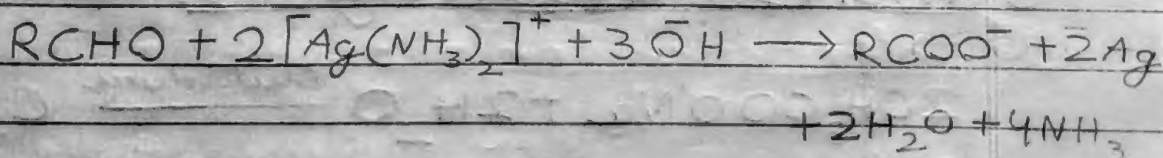
④ Clemmensen Reductⁿ:



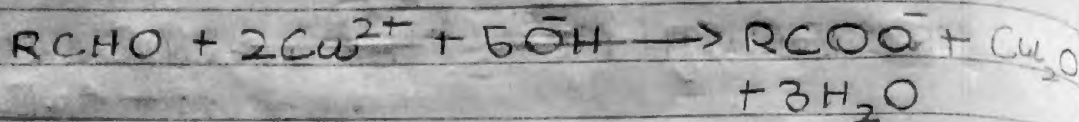
⑤ Wolff-Kishner Reductⁿ:



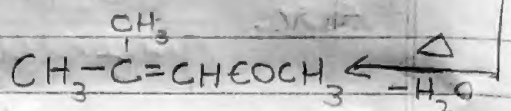
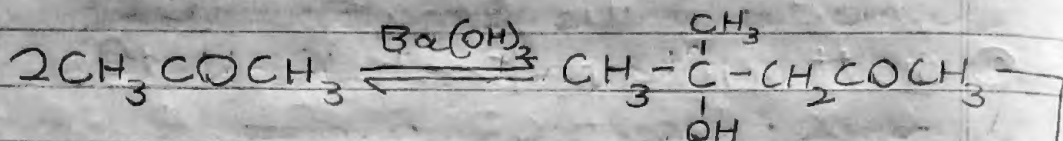
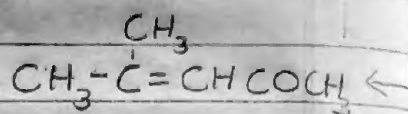
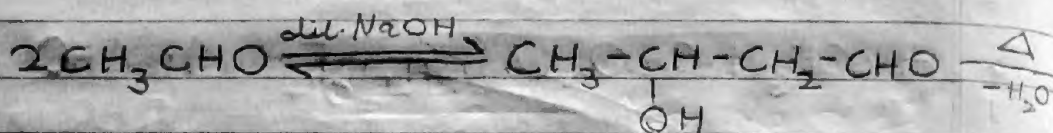
⑥ Tollen's Test:



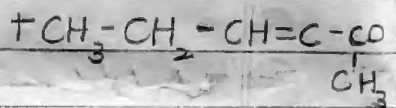
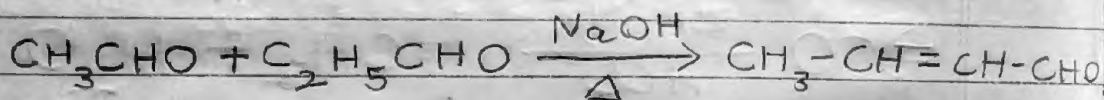
★ Fehling's Test:



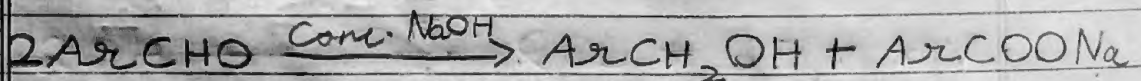
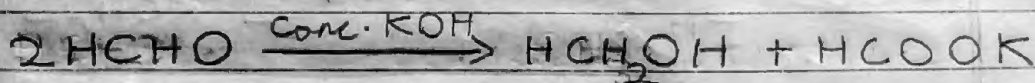
I ★ Aldol Condensatⁿ:



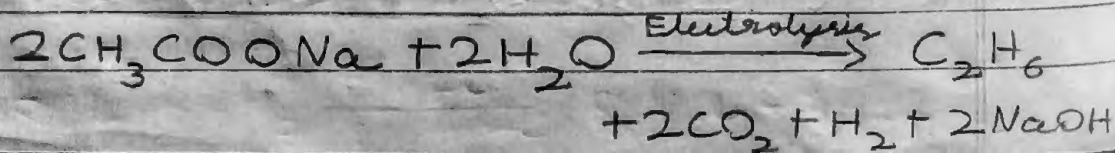
★ Cross Aldol Condensatⁿ:



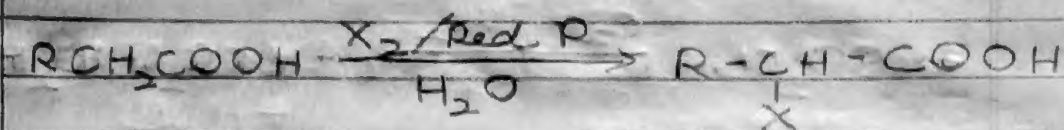
I ★ Cannizzaro Reactⁿ:



★ Kolbe's Electrolysis:

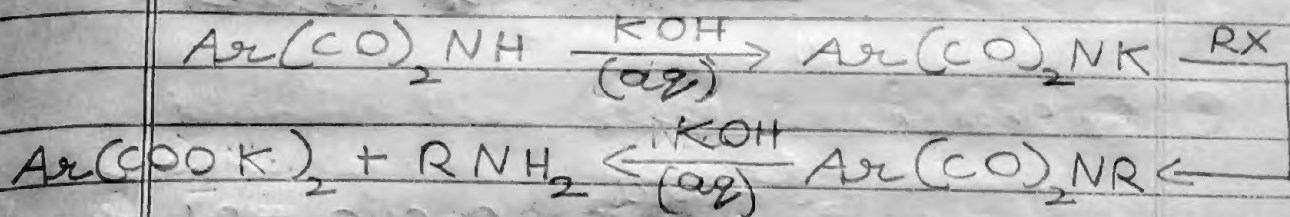


① Hell-Volhard-Zelinsky (HVZ) Reactⁿ:

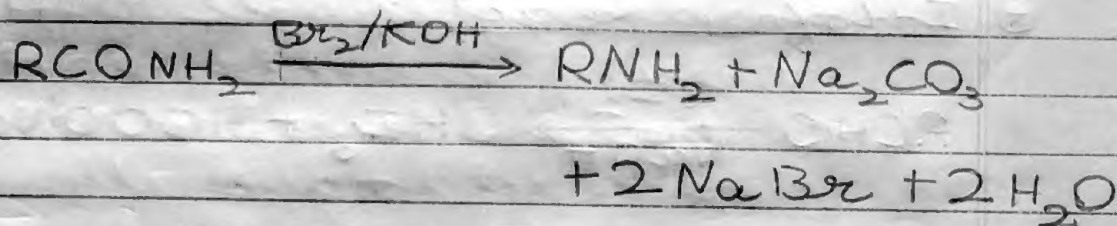


(X = Cl, Br)

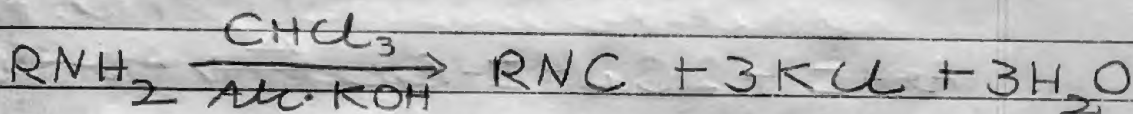
② Gabriel Phthalimide Synthesis:



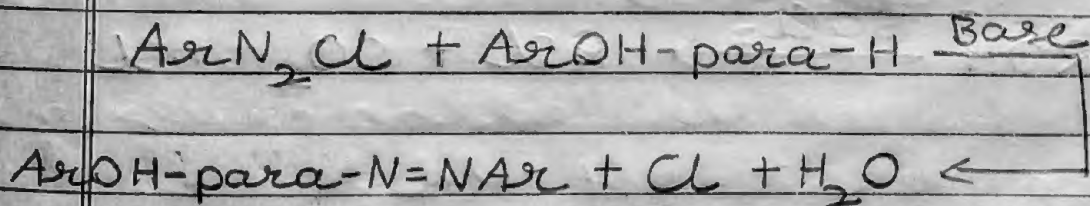
③ Hoffmann-Bromamide Degradatⁿ Reactⁿ:



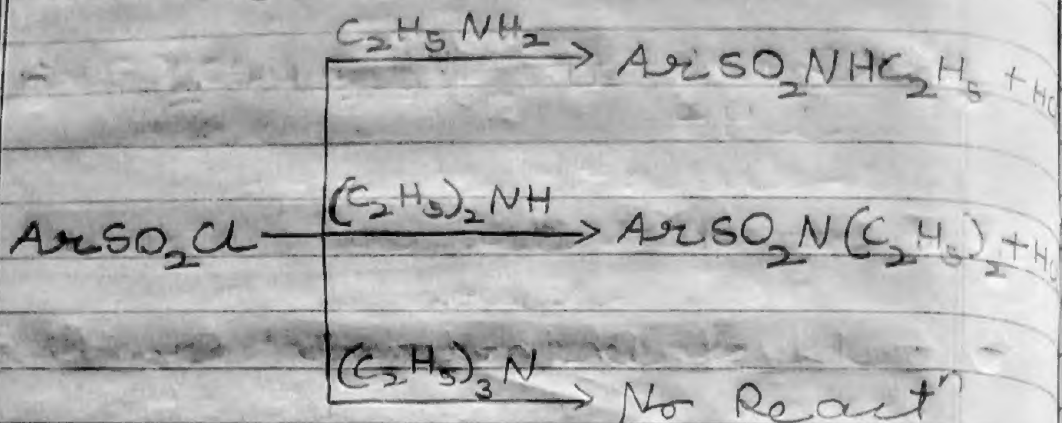
④ Carbylamine Reactⁿ:



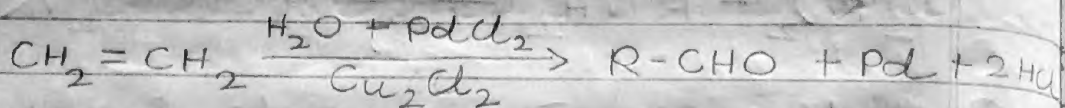
⑤ Coupling Reactⁿ:



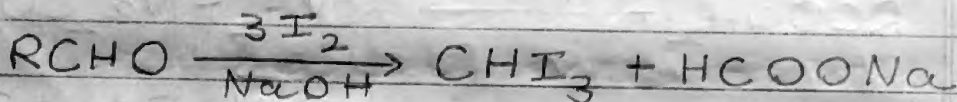
⊛ Hinsberg's Test:



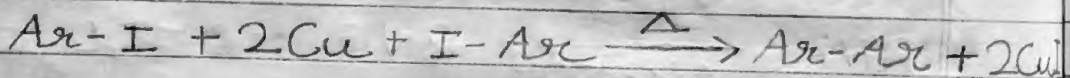
⊛ Walker's Process:



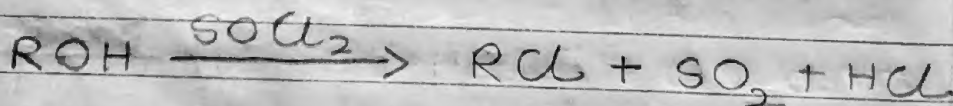
⊛ Iodoform Reactⁿ:



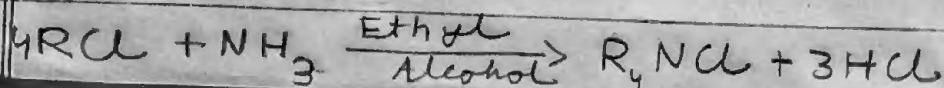
⊛ Ullmann Reactⁿ:



⊛ Darzen Procedure:



⊛ Hoffmann's Ammonolysis:



⑤ Williamson's Synthesis:



⑤ Dow's Process:

